

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	18	((STEVEN) near2 (NIELSEN)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/09 13:01
S2	12	((STEVEN) near2 (NIELSEN)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/12/09 13:01
S3	26	((BODO) near2 (QUINT)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/09 13:02
S4	18	((BODO) near2 (QUINT)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/12/09 13:02
S5	73	((RANDOLF) near2 ("VON OEOPEN")).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/09 13:02
S6	65	((RANDOLF) near2 ("VON OEOPEN")).INV.	EPO; JPO; DERWENT	OR	OFF	2009/12/09 13:02
S7	47	((KENNETH) near2 (MICHLITSCH)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/09 13:02
S8	13	((KENNETH) near2 (MICHLITSCH)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/12/09 13:03
S9	43	((GERD) near2 (SEIBOLD)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/09 13:03
S10	17	((GERD) near2 (SEIBOLD)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/12/09 13:03
S11	6	((TOMMY) near2 (CONZELMANN)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/09 13:03
S12	4	((TOMMY) near2 (CONZELMANN)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/12/09 13:03
S13	23	((IB) near2 (JOERGENSEN)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/09 13:03
S14	12	((IB) near2 (JOERGENSEN)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/12/09 13:04
S15	174	606/186.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/09 13:05
S16	950	606/185.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/09 13:05

S17	309	606/184.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/09 13:05
S18	1890	606/167.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/09 13:05
S19	6	("4392493"   "6251063"   "6391048").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/09 13:06
S20	1436	606/213.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/09 13:07
S21	256	606/222.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/09 13:07
S22	247	606/223.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/09 13:07
S23	322	606/214.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/09 13:07
S24	54	("3094122"   "3204634"   "4271827"   "4351333"   "4424208"   "4582640"   "4773393"   "4803075"   "4837285"   "5007940"   "5067965"   "5116387"   "5158573"   "5204382"   "5258028"   "5301682"   "5314473"   "5336263"   "5451406"   "5480644"   "5490984"   "5580568"   "5667767"   "5695480"   "5755658"   "5785642"   "5792478"   "5830178"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/09 13:11

		"5861036").PN. OR ("6251063").URPN.				
S25	9	("4392493"   "5868762"   "6251063"   "6391048"). PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/13 12:39
S26	54	("3094122"   "3204634"   "4271827"   "4351333"   "4424208"   "4582640"   "4773393"   "4803075"   "4837285"   "5007940"   "5067965"   "5116387"   "5158573"   "5204382"   "5258028"   "5301682"   "5314473"   "5336263"   "5451406"   "5480644"   "5490984"   "5580568"   "5667767"   "5695480"   "5755658"   "5785642"   "5792478"   "5830178"   "5861036").PN. OR ("6251063").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/13 12:40
S27	162	puncture tissue copper adj sulfate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/03/13 12:47
S28	536	600/29.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/03/13 12:50
S29	526	600/30.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/03/13 12:50
S30	516	(S28 or S29) and @ad< "20020801"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/03/13 12:52
S31	197	S30 and needle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/03/13 12:52

S32	276	puncture copper adj sulfate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/03/13 12:59
S33	277	tissue closure copper adj sulfate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/03/13 12:59
S34	2611	tissue same closure inflammat\$3 with (agent or material)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/03/13 13:04
S35	382	tissue same closure inflammat\$3 with (agent or material) punctur\$3 seal \$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/03/13 13:05
S36	79	S35 and @ad<"20020801"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/03/13 13:05
S37	2	("6358197").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/13 13:27
S38	584724	needle copper adj sulfate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 13:29
S39	2489	needle and copper adj sulfate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 13:29
S40	1022	S39 and @ad<"20020801"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/03/13 13:30

S41	351	((tissue or puncture) and needle and (copper adj sulfate)) and @ad<"20020801"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 13:31
S42	57	((puncture) and needle and (copper adj sulfate)) and @ad<"20020801"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 13:33
S43	106	((closure) and needle and (copper adj sulfate)) and @ad<"20020801"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 13:35
S44	250203	"606"/\$.ccls. or "600"/\$.ccls. or "604"/\$.ccls. or "623"/\$.ccls. and (needle with balloon)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 13:39
S45	1775	("606"/\$.ccls. or "600"/\$.ccls. or "604"/\$.ccls. or "623"/\$.ccls. )and (needle with balloon)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 13:40
S46	661	S45 and @ad<"20020801"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/03/13 13:40
S47	294	plurality with needle with (drug or agent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/16 11:29
S48	22	("20010053887"   "20020020646"   "3572336"   "4226235"   "4245634"   "4340048"   "4552561"   "4734092"   "5026357"   "5390671"   "5391950"   "5482473"   "5527288"   "5568806"   "5858001"   "5931814"   "5954643"   "5957895"   "6280148"   "6540675"   "7004928").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/16 11:44

S49	18	("3572336").URPN.	USPAT	OR	OFF	2010/03/16 11:49
S50	16	("3572336"   "3640269"   "3682087"   "3783868"   "3949746"   "3964482"   "4193397"   "4400169"   "4417888"   "4490137"   "4496350"   "4543088"   "4548607"   "4557722"   "4581012").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/16 11:52
S51	362	plurality with needle same (drug or agent) same deliver\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/16 11:53
S52	2	("6,217,554").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/16 11:55
S53	462	plug same needle same seal\$3 same puncture	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/18 12:08
S54	6	("4008303"   "4518384"   "5728114"   "6010514"   "6436109"   "6451031"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/18 12:10
S55	11	("3753438"   "4917089"   "5078731"   "5222974"   "5269809"   "5282827"   "5284485"   "5284488"   "5342393"   "5350399"   "5417699").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/18 12:14
S56	23	("3773919"   "4675189"   "5242910"   "5366734"   "5445832"   "5445832"   "5492697"   "5543156"   "5573542"   "5492697"   "6120786").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/18 12:21

S57	22	("20010053887"   "20020020646"   "3572336"   "4226235"   "4245634"   "4340048"   "4552561"   "4734092"   "5026357"   "5390671"   "5391950"   "5482473"   "5527288"   "5568806"   "5858001"   "5931814"   "5954643"   "5957895"   "6280148"   "6540675"   "7004928").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/18 12:35
S58	25	needle same manifold same inlet same drug	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/18 12:55
S59	189	needle same reservoir same inlet same drug	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/18 12:57
S60	88	plug with balloon same puncture	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/18 13:42
S61	78	("1965653"   "3049125"   "3091237"   "3112743"   "3626949"   "3648294"   "3766924"   "3800788"   "3850176"   "3875595"   "3889665"   "4083369"   "4274163"   "4313434"   "4399814"   "4462394"   "4466435"   "4467479"   "4488549"   "4562598"   "4595006"   "4625722"   "4627434"   "4628945"   "4685447"   "4686973"   "4697584"   "4706670"   "4714478"   "4772287"   "4888022"   "4888024"   "4892550"   "4896662"   "4932975"   "4969888"   "5002576"   "5053035"   "5071435"   "5102413"   "5108404"   "5147366"   "5163989"   "5176683"   "5176692"   "5290306"   "5295994"   "5303718"   "5330429"   "5331975"   "5361752"   "5383932"   "5423850"   "5441538"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/18 13:47

		"5454365"   "5468245"   "5480400"   "5514143"   "5514153"   "5522790"   "5522846"   "5527343"   "5527624"   "5531856"   "5540711"   "5545222"   "5549679"   "5562736"   "5571109"   "5571189"   "5772681"   "6017305"   "6066154"   "6235043"). PN.				
S62	51	("3586002"   "3604425"   "3757629"   "3805337"   "4192315"   "4217902"   "4396139"   "4485816"   "4505274"   "4586503"   "4777950"   "4860746"   "4865026"   "4917087"   "4950258"   "5007921"   "5026390"   "5053008"   "5061274"   "5108420"   "5156609"   "5176648"   "5192302"   "5222974"   "5304184"   "5334217"   "5366458"   "5478354"   "5527322"   "5674231"   "5683405"   "5695505"   "5782844"   "5782861"   "5810846"   "5810851"   "5817113"   "5820631"   "5830125"   "5879366"   "5910155"   "5964782"   "5984934"   "6007563"   "6036720"   "6063085"   "6077281"   "6077291"   "6080182"   "6080183"   "6120524").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/18 13:50
S63	907	puncture and needle with balloon	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/18 13:54
S64	115	puncture and needle with balloon with tip	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/18 14:01
S65	0	08/440368	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/18 14:11



S66	0	"08440368"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/18 14:11
S67	86	needle with radiopaque adj marker	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/18 14:23
S68	2811	manifold with needle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/18 14:34
S69	11425669	manifold with needle @ad> "20020801"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/18 14:35
S70	715	manifold with needle and @ad> "20020801"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/18 14:35
S71	76	mov\$4 with manifold with needle and @ad> "20020801"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/18 14:38
S72	137	mov\$4 with manifold with needle and @ad< "20020801"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/18 14:39
S73	2	"20020143291"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/18 14:59

3/ 18/ 2010 3:16:44 PM

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